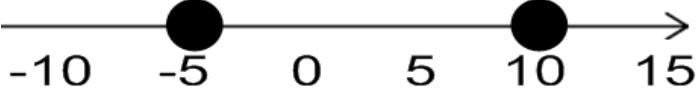
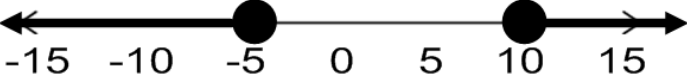


Equation $ 2x - 5 = 15$	Inequality $ 2x - 5 \geq 15$ (OR Solution Set)
<div style="text-align: center; margin-bottom: 20px;"> $\begin{array}{c} -15 \\ 2x - 5 = 15 \\ +15 \end{array}$ </div> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p style="text-align: center;">-15 <i>Numeric Value is Negative</i> (-)</p> $2x - 5 = -15$ $\begin{array}{r} +5 \quad +5 \\ 2x = -10 \\ \hline x = -5 \end{array}$ </div> <div style="width: 45%;"> <p style="text-align: center;">$+15$ <i>Numeric Value is Positive</i> (+)</p> $2x - 5 = 15$ $\begin{array}{r} +5 \quad +5 \\ 2x = 20 \\ \hline x = 10 \end{array}$ </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	<div style="text-align: center; margin-bottom: 20px;"> $\begin{array}{c} -15 \\ 2x - 5 \geq 15 \\ +15 \end{array}$ </div> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p style="text-align: center;">-15 <i>Expression is Negative</i> (-)</p> $-(2x - 5) \geq 15$ $-(2x - 5) \cdot (-1) \geq 15 \cdot (-1)$ $2x - 5 \leq -15$ $\begin{array}{r} +5 \quad +5 \\ 2x \leq -10 \\ \hline x \leq -5 \end{array}$ <p style="text-align: center;">“Less...”</p> </div> <div style="width: 45%;"> <p style="text-align: center;">$+15$ <i>Expression is Positive</i> (+)</p> $2x - 5 \geq 15$ $\begin{array}{r} +5 \quad +5 \\ 2x \geq 20 \\ \hline x \geq 10 \end{array}$ <p style="text-align: center;">“Greater...”</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>
Solution $\{-5\}$ or Solution $\{-5, 10\}$ Solution $\{10\}$	Solution $\{\dots -7, -6, -5\}$ Solution $\{10, 11, 12, \dots\}$

Name: _____ Period: _____ Date: _____

Independent Practice: Equation	Independent Practice: Inequality (AND Solution Set)
$ 5x + 1 = 4$	$ 5x + 1 \leq 4$